

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application Number : New Confirmation No. (unassigned)  
Applicant : KRÄMER et al.  
Filed : February 7, 2005  
Tech Cntr/AU : (unassigned)  
Examiner : (unassigned)  
Entitled : PROCESS FOR THE PREPARATION OF L-3,4-  
DIHYDROXYPHENYLALANINE BY AEROBIC  
FERMENTATION OF A MICROORGANISM  
Attorney Reference : 121640-05016162  
Customer Number : 43569

**MAIL STOP PCT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

Sir:

Pursuant to 37 CFR §1.56, the attention of the Patent and Trademark Office is hereby directed to the reference(s) listed on the attached PTO-1449. Pursuant to 37 C.F.R. §1.98, copies of the cited documents are attached hereto for the Examiner's consideration.

Applicants hereby respectfully request that the accompanying Information Disclosure Statement be considered and made of record in the above-identified Application, and that the reference(s) be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

The Examiner is further respectfully requested to return of a copy of the enclosed Form PTO-1449 with the Examiner's initials in the left column.

This Information Disclosure Statement is being filed (a) within three months of the U.S. filing date of this non-CPA application, OR (b) before the mailing date of the first Office Action on the merits in the present application. No certification or fees are believed necessary; however, should any fees be necessary, please charge any deficient fees, or credit any overpayments, to Deposit Account No. 503-121.



**INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT**

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Examiner: unassigned Group Art Unit: unassigned

**U.S. PATENT DOCUMENTS**

Examiner's Initials*		Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
	AR	5,837,504	11/17/98	Young et al.			
	BR	3,928,431	12/223/1975	Thord et al.			
	CR						
	DR						
	ER						
	FR						
	GR						
	HR						
	IR						
	JR						
	KR						
	LR						

**FOREIGN PATENT DOCUMENTS**

		Document Number	Date MM/YYYY	Country			English Abstract		Translation Readily Available	
							Enclosed	No	Enclosed	No
	MR	49100290	9/21/74	EP						
	NR	9533843	12/14/1995	WO						
	OR									
	PR									
	QR									

**OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)**

RR	Nakayama, Kiyoshi et al.: "Fermentative Production of Beta -(3,4-dihydroxyphenyl)-L-alanine"; Database CA 'Online!, Chemical Abstracts Service, Columbus, Ohio, US: retrieved from accession no. 83:7116
SR	Gerigk M R et al.: "Enhanced Pilot-Scale Fed-Batch L-phenylalanine Production with Recombinant Escherichia Coli by Fully Integrated Reactive Extraction"; Bioprocess and Biosystems Engineering, Vol. 25, No. 1, April 2002 (2002-04), pages 43-52.
TR	Xun Luying et al.: "Characterization of 4-hydroxyphenylacetate 3-hydroxylase (HpaB) of Escherichia Coli as a Reduced Flavin Adenine Dinucleotide-Utilizing Monooxygenase"; Applied and Environmental Microbiology, vol. 66, no. 2, February 2000 (2000-02), pages 481-486.
UR	Bongaerts J et al.: "Metabolic Engineering for Microbial Production of Aromatic Amino Acids"; Metabolic Engineering, Academic Press, US, vol. 3, October 2001 (2001-10), pages 289-3000.
VR	
WR	

Examiner

Date Considered:

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.